

10/004,132

IN THE CLAIMS

Cancel claims 15-19.

Add new claims 20-24 as follows:

1-19. (canceled)

20. (new) A method of deriving a new encryption key for use in an encrypting keypad module, the method comprising:

receiving a file containing (i) input data, (ii) a reference to an algorithm, (iii) a reference to an encryption key already stored at the encrypting keypad module, and (iv) instructions for making a new encryption key;

using the referenced algorithm and the referenced encryption key to decrypt the input data; and

executing the instructions to direct how the decrypted data and the input data are to be operated on to produce a new encryption key which is different from the encryption key already stored at the encrypting keypad module.

21. (new) A method according to claim 20, further comprising:

storing the new encryption key in the encrypting keypad module.

22. (new) A method according to claim 20, wherein the file has a structure comprising tagged commands and data.

23. (new) A method of operating an encrypting keypad module having a first encryption key, the method comprising:

receiving a file containing (i) input data, (ii) a reference to an algorithm, and (iii) instructions for making a new encryption key which is different from the first encryption

10/004,132

key;

using the referenced algorithm and the first encryption key to decrypt the input data;

executing the instructions to direct how the decrypted data and the input data are to be operated on to produce a second encryption key which is different from the first encryption key; and

storing the second encryption key in the encrypting keypad module.

24. (new) A method according to claim 23, wherein the file has a structure comprising tagged commands and data.